



MATERIAL SAFETY DATA SHEET

ULTRA DELUXE INTERIOR VINYL ACRYLIC FLAT WALL

1. Product And Company Identification

Supplier

Duron, Inc.
10406 Tucker Street
Beltsville, MD 20705-2297

Company Contact: Environmental Service
Telephone Number: (301)902-3288
FAX Number: (301)595-0401
Web Site: Duron.com

Manufacturer

Duron, Inc.
10406 Tucker Street
Beltsville, MD 20705-2297

Company Contact: Environmental Service
Telephone Number: (301)902-3288
FAX Number: (301)595-0401
Web Site: Duron.com

Supplier Emergency Contacts & Phone Number

PROSAR Product Safety: (800) 228-5635
CHEMTREC: 800-424-9300

Manufacturer Emergency Contacts & Phone Number

PROSAR Product Safety: 800.228.5635 EXT014
CHEMTREC: 800-424-9300

Issue Date: 07/13/2000

Product Name: ULTRA DELUXE INTERIOR VINYL ACRYLIC FLAT WALL PAINT

CAS Number: Not Established

Chemical Family: INTERIOR LATEX FLAT PAINT

MSDS Number: 409

Product Code: 44-SERIES

Synonyms

ACCENT BASE 44-106 INTERMEDIATE BASE 44-104 NEUTRAL BASE 44-107
BRILLIANT CEILING WHITE 44-910 DEEP BASE 44-105 CEILING WHITE 4-920

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
ANHYDROUS ALUMINUM SILICATE	66402-68-4	8.5
CALCIUM CARBONATE	1317-65-3	8.5 - 26.6
DIATOMACEOUS EARTH, UNCALCINED	61790-53-2	4.7
ESTER ALCOHOL	25265-77-4	1.5
ETHYLENE GLYCOL	107-21-1	2.8
KAOLIN	1332-58-7	6.7
MICA	12001-26-2	1.1
SILICA, QUARTZ	14808-60-7	2.2
TITANIUM DIOXIDE	13463-67-7	13.7
VINYL ACRYLIC RESIN	25076-01-1	9.1 - 16.4
WATER	7732-18-5	44.4 - 51.7

3. Hazards Identification

Eye Hazards

Trace amounts of amine and residual monomer vapors may be irritating to the eyes especially in poorly ventilated areas. Irritation in the form of redness, tearing and/or blurred vision. EYE CONTACT: Vapors can cause severe conjunctivitis.

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3. Hazards Identification - Continued

Skin Hazards

Due to individual sensitization, this product can cause skin irritation upon prolonged or repeated contact.

Ingestion Hazards

Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into lungs can cause chemical pneumonitis which can be fatal.

ETHYLENE GLYCOL: CAS #107-21-1 TOXIC DATA: INGESTION: Slightly toxic to humans (oral LD: 1.6 g/kg).

Causes mental sluggishness followed by difficulty in breathing and heart failure, kidney and brain damage, possibly death. Practically non-toxic to animals (or LD50 rats= 8.5 g/kg).

Inhalation Hazards

Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea and/or headache. Overexposure can cause neurological damage.

INHALATION: Mists or vapors from hot operations, can cause mental sluggishness pulmonary edema (accumulation of fluid in the lungs, signs and symptoms can be delayed for several hours) and bronchial pneumonia.

4. First Aid Measures

Eye

If this product comes in contact with the eyes, flush with large quantities of water for at least 15 minutes, lifting upper and lower lids occasionally.

Skin

Thoroughly wash exposed area with soap and large quantities of water for at least 15 minutes. Remove contaminated clothing. Launder contaminated clothing before reuse.

Ingestion

Drink 1 or 2 glasses of water to dilute. DO NOT INDUCE VOMITING. Consult a physician or poison control center immediately. Treat symptomatically.

Inhalation

Individual may experience dizziness or lightheadedness when working in areas of high vapor concentrations.

Victim should seek air free of vapors. If breathing stops, begin artificial respiration and seek immediate medical attention.

5. Fire Fighting Measures

Flash Point: NA °F NA °C

Flammability Class: IIIB

Fire And Explosion Hazards

Never use a welding or cutting torch on or near container (even empty) because residue may ignite.

Extinguishing Media

Class B extinguisher. Use foam, carbon dioxide or dry chemical fire fighting apparatus.

Fire Fighting Instructions

The use of self-contained breathing apparatus is recommended for fire fighters. Water may be unsuitable as an extinguishing media, but helpful in keeping adjacent containers cool. Avoid spreading burning liquid with water used for cooling.

6. Accidental Release Measures

Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Recover free product. Add sand, earth or other suitable absorbent to spill area. Minimize skin contact. Ventilate confined spaces. Keep product out of sewers and watercourses by diking or impounding. Assure conformity with applicable governmental regulations. Continue to observe precautions for volatile, combustible vapors from absorbed material.

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7. Handling And Storage

Handling And Storage Precautions

KEEP FROM FREEZING.
KEEP OUT OF THE REACH OF CHILDREN.
DO NOT TAKE INTERNALLY.

Work/Hygienic Practices

DO NOT eat, drink or smoke while using this product. Thoroughly wash hands before eating or smoking.

8. Exposure Controls/Personal Protection

Engineering Controls

Provide sufficient mechanical (general) and/or local exhaust ventilation to maintain exposure below TLV.

Eye/Face Protection

Safety glasses, chemical goggles and/or face shields are recommended to safeguard against potential eye contact.

Skin Protection

Chemical resistant plastic or rubber gloves.

Respiratory Protection

The use of respiratory protection depends on vapor concentration above the time weighted TLV: use NIOSH/MSHA approved respirator.

Ingredient(s) - Exposure Limits

DIATOMACEOUS EARTH, UNCALCINED

ACGIH TLV-TWA 10 mg/m³

ACGIH TLV-TWA 3 mg/m³

OSHA PEL-TWA 20 mppcf

OSHA PEL-TWA 80 / %SiO₂ mg/m³

ETHYLENE GLYCOL

ACGIH TLV-CEILING 100 mg/m³

KAOLIN

ACGIH TLV-TWA 2 mg/m³

OSHA PEL-TWA 15 mg/m³

OSHA PEL-TWA 5 mg/m³

MICA

ACGIH TLV-TWA 3 mg/m³

OSHA PEL-TWA 20 mppcf

SILICA, QUARTZ

ACGIH TLV-TWA 0.1 mg/m³ (Notice of Intended Change)

ACGIH TLV-TWA 0.05 mg/m³ (Proposed)

OSHA PEL-TWA 30/%SiO₂+2 mg/m³

OSHA PEL-TWA 10/%SiO₂+2 mg/m³

OSHA PEL-TWA 250/%SiO₂+5 mppcf

TITANIUM DIOXIDE

ACGIH TLV-TWA 10 mg/m³

OSHA PEL-TWA 15 mg/m³

9. Physical And Chemical Properties

Appearance

Viscous liquid

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9. Physical And Chemical Properties - Continued

Odor

Mild odor

Chemical Type: Mixture

Physical State: Liquid

Boiling Point: 212 °F 100 °C

pH Factor: 7.5

Solubility: INFINITELY

Evaporation Rate: SLOWER THAN ETHER

VOC = VOLATILE ORGANIC CONTENT SG = SPECIFIC GRAVITY

%VOL = PERCENT VOLATILE BY VOLUME

VOC= 1.16 POUNDS/GAL (139 gm/l); SG= 1.38; %VOL=66.6 INTERMEDIATE BASE

VOC= 0.32 POUNDS/GAL (39 gm/l); SG= 1.32; %VOL=68.7 DEEP BASE

VOC= 0.32 POUNDS/GAL (39 gm/l); SG= 1.30; %VOL=68.7 ACCENT BASE

10. Stability And Reactivity

Stability: STABLE

Hazardous Polymerization: WILL NOT OCCUR

11. Toxicological Information

Chronic/Carcinogenicity

This product contains Crystalline Silica (CS) which is considered a hazard by inhalation. The International Association for Research on Cancer (IARC) has classified CS as carcinogenic for humans (Class 1). CS can also cause silicosis, a non-cancerous lung disease. CS has not been classified as a carcinogen by OSHA or NTP.

Pigment dust would not normally be encountered when handling a packaged paint product containing pre-wetted pigment. Proper respiratory protection should be worn when sanding a dried paint film due to the presence of CS.

Conditions Aggravated By Exposure

Effects of repeated overexposure. No evidence of adverse effects from available information. NOTICE: Reports have associated repeated and prolonged occupational overexposures to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

Ingredient(s) - Carcinogenicity

SILICA, QUARTZ

NTP - Listed On The National Toxicology Program

Listed In The IARC Monographs

12. Ecological Information

No Data Available...

13. Disposal Considerations

Dispose of product in accordance with applicable local, county, state and federal regulations.

14. Transport Information

Proper Shipping Name

WATER BASED MATERIAL - KEEP FROM FREEZING

DOT Shipping Label

NONE

This product is not currently regulated under DOT.

The term "WATER BASED MATERIAL - KEEP FROM FREEZING "is used as a measure of count for inventory and

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14. Transport Information - Continued

DOT Shipping Label - Continued
shipping purposes.

15. Regulatory Information

SARA Hazard Classes

Acute Health Hazard

Ingredient(s) - U.S. Regulatory Information

ETHYLENE GLYCOL

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

SARA - Acute Health Hazard

SARA - Chronic Health Hazard

Ingredient(s) - State Regulations

ETHYLENE GLYCOL

New Jersey - Workplace Hazard

New Jersey - Environmental Hazard

Pennsylvania - Workplace Hazard

Massachusetts - Hazardous Substance

New York City - Hazardous Substance

KAOLIN

Pennsylvania - Workplace Hazard

MICA

New Jersey - Workplace Hazard

Pennsylvania - Workplace Hazard

Massachusetts - Hazardous Substance

SILICA, QUARTZ

New Jersey - Workplace Hazard

Pennsylvania - Workplace Hazard

California - Proposition 65

Massachusetts - Hazardous Substance

TITANIUM DIOXIDE

New Jersey - Workplace Hazard

Pennsylvania - Workplace Hazard

New York City - Hazardous Substance

16. Other Information

HMIS Rating

Health: 1

Fire: 1

Reactivity: 0

Reference Documentation

TITANIUM DIOXIDE: In an inhalation study, E.I. DuPont's Haskel Toxicology Laboratory found evidence of lung cancer (malignant tumors) in 1 out of 77 male rats and 13 out of 74 female rats after they were exposed to 250 mg/m³ titanium dioxide respirable dust for a two year period. The exposure level of 250 mg/m³ is approximately 50 times that permitted in an occupational environment.

The National Cancer Institute (NCI) conducted a feeding study in rats and mice in which either 25,000 or 50,000 parts per million titanium dioxide was given in their diets for two years. Under the conditions of the NCI test, titanium dioxide didn't cause cancer by the oral route.

M A T E R I A L S A F E T Y D A T A S H E E T

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Disclaimer

All information, recommendations and suggestions appearing herein concerning our product are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity and suitability for his own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by Duron, Inc. as to the effect of such use, the results to be obtained, or the safety and toxicity of the product nor does Duron, Inc. assume any liability arising out of use, by others, of the product referred to herein. The information herein is not to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.

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